



MAR 24 2008

DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RAPID CITY

APPLICATION FOR PERMIT TO DRILL

Type of work:

☐ Drill New Well ☐ Re-enter Well ☐ Drill Directional Well

Type of well:

☒ Oil Well ☐ Gas Well ☐ Injection

☒ Other ☐ Drill New Horizontal Well

☐ Other

Name and Address of Operator:

One Warren Place, 6100 S. Yale, Ste 1700, Tulsa, OK 74136
Tecton Energy, LLC 3000 Wilcrest, Suite 300, Houston, TX 77042 Telephone (281) 668-8068

Name and Address of Surface Owner:

918-488-6416

South Dakota School and Public Lands - 500 East Capital Ave., Pierre, SD 57501

Name and Address of Drilling Contractor and Rig Number:

To be determined.

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

880' FNL 1,870' FEL (NW/4 NE/4) Sec. 36 T23N R2E Lat: 45° 55' 08.00" Long: 103° 49' 03.67"

If Directional, top of pay and bottom hole location from nearest lines of section:

±1,211' FNL ±2,338' FEL (NW/4 NE/4) Sec. 36 T23N R2E - Top of Pay Zone

±500' FSL ±2,080' FEL Sec. 35 T23N R2E - Bottomhole Location

Acres in Spacing (Drilling) Unit

Description of Spacing Unit

1,280.00 acres Sec. 35 and Sec. 36

Well Name and Number		Elevation	Field and Pool, or Wildcat		Proposed Depth and Formation	
Lakota State 36-1H		3,058.1'	Wildcat		8,522' TVD - Red River	
Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)		Depth
1) 12-1/4"	9-5/8"	J-55 36#	2,000'	±400 sxs Premium Lite and ±250 sxs "G"		To surface
2) 8-3/4"	7"	HCL-80 29# & 32#	8,850'	±500 sxs Premium Lite"		4,500'
3) 6"	None	Open Hole	14,990'	None		
4)						

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

April 1, 2008

See attached Drilling Program and Directional Profile

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature

Kimberly J. Rodell

Name (Print)

Permit Agent for

Tecton Energy, LLC

Title

Revised: March 21, 2008

Original: February 1, 2008

Date

FOR OFFICE USE ONLY

Approved By:

Title: Oil and Gas Supervisor

Permit No. 1879

API No. 40 063 20653

Date Issued: July 16, 2008

Conditions, if any, on attached page.

See Transfer of Operator (copy this file) Jm